

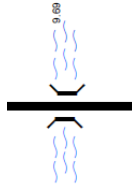
# Symbology on Straight Line Diagrams

## Divided and Non-divided Highways



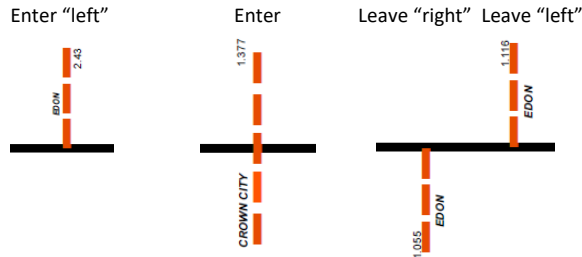
Dual lines signify the route is divided, separated by a median of some type. A solid black line represents a non-divided segment of roadway.

## Bridges



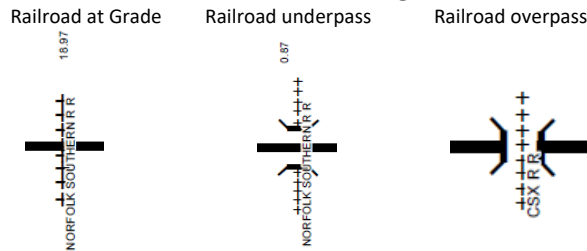
This graphic represents all structures on the route, regardless of length. Logpoint is at the leading edge of the structure.

## Corporation Line



A corporation limit is represented by a thick dashed line. Corporation names left of the line signifies leaving a corporation, whereas text right of the line signifies entering a corporation. Dashed lines on the upper part of the road represents a corporation limit line on the left side of the road (while traveling in the cardinal direction), while a line on the bottom part represents a corporation limit line on the right hand side of the road (while traveling in the cardinal direction).

## Railroad Crossings

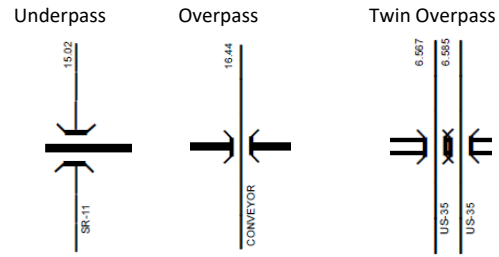


## Overlaps



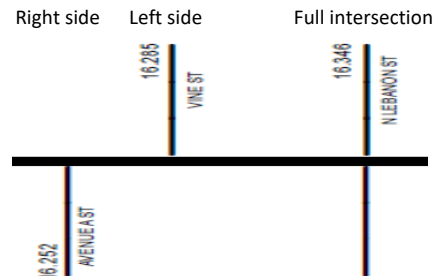
A checked line is a segment of road that is in overlap. Text at the start of the checked pattern specifies which route is the primary along with the log point on the primary route. The end of the checked pattern is the end of the overlap segment.

## Overpasses & Underpasses



Logpoint of overpass or underpass is noted above the graphic.

## Intersections



A line crossing the main route represents a crossing intersection. Lines on the upper part of the route represent an intersection on the left hand side of the road (while traveling in the cardinal direction), while lines on the bottom part are on the right hand side of the road (while traveling in the cardinal direction). Log point of intersection is noted above the graphic.

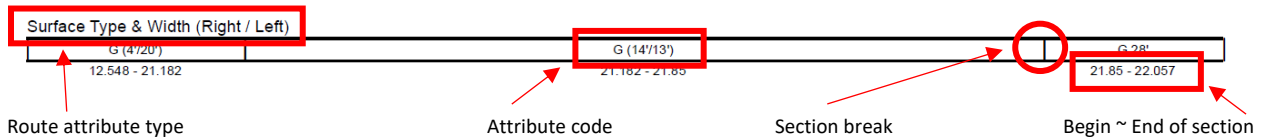
# Route Attributes on Straight Line Diagrams

The Straight Line Diagrams display ten different road attributes:

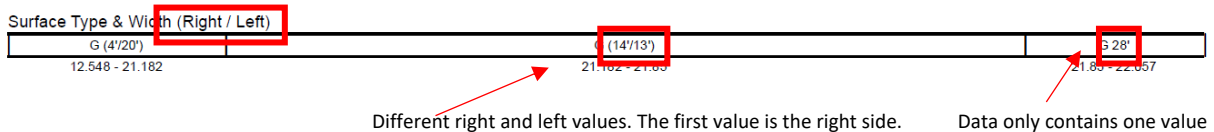
- Surface Type
- Surface Width\*
- Base Type
- Shoulder Type
- Shoulder Width\*
- Median Type
- Median Width\*
- Through Lanes
- Street Name
- Resurface Year

If an attribute is not present, it will not be shown. Attributes with an asterick are combined with their respective types.

## Data with Right and Left Values



## Data with Right and Left Values



G (4'/20')  
0 - 1.78

Sometimes there is a large difference between the right and left side. It is recommended to add the values together and assume equal sides.

## Zero Values (Non-divided Routes)

2 (10'/0')  
0 - 1.78

Non-divided routes typically show a width of 0' for the left side. In these situations, the right value represents the sum of both sides.

# Roadway Codes

## Access Control Journalized

- F - Full Access Control
- L - Limited Access Control
- N - No Access Control

## Access Control Operational

- 1 - Full Access Control
- 2 - Partial Access Control
- 3 - No Access Control

## Base Type

- F - Crack and Seat
- H - Rubblize and Roll
- I - Aggregate Base 304 or Traffic Compacted
- K - Water Bound Macadam
- L - Bituminous Concrete Mix or Penetration Macadam
- N - Plain Concrete
- P - Reinforced Concrete
- R - Brick (Flexible)
- T - Brick (Rigid)

## Direction of Travel

- B - Both (Two-way)
- F - One-way Cardinal
- T - One-way Non-cardinal

## Facility Type

- 1 - One-way Roadway
- 2 - Two-way Roadway
- 4 - Ramp
- 5 - Non-mainline
- 6 - Non-inventory Direction
- 7 - Planned / Unbuilt

## Historical Federal Aid Indicator

- N - Not a FAP Route
- Y - FAP Route

## Functional Classification

- 01 - Interstate
- 02 - Principal Arterial (Freeways)
- 03 - Principal Arterial (Other)
- 04 - Minor Arterial
- 05 - Major Collector
- 06 - Minor Collector
- 07 - Local

## Leave / Reenter Indicator

- Y - Route leaves/reenters at this point
- N - Route does not leave/reenter at this point

## Median Type

- 1 - None
- 2 - Unprotected
- 3 - Curbed
- 4 - Positive Barrier (Unspecified)
- 5 - Positive Barrier (Flexible)
- 6 - Positive Barrier (Semi-rigid)
- 7 - Positive Barrier (Rigid)

## NHS

- N - National Highway System
- H - Congressional Corridor
- 2 - Major Airport
- 3 - Major Port Facility
- 4 - Major Amtrak Station
- 5 - Major Rail / Truck Terminal
- 6 - Major Intercity Bus Terminal
- 7 - Major Public Transit / Multi-modal Passenger Terminal
- 8 - Major Pipeline Terminal
- 9 - Major Ferry Terminal

## Priority System

- G - General
- P - Priority System
- U - Urban

## Scenic Byway Code

- A - All American Road
- N - National Scenic Byway
- S - State Scenic Byway

## Shoulder Type

- 1 - None
- 2 - Surfaced shoulder exists (bituminous concrete {AC})
- 3 - Surfaced shoulder exists (Portland Cement Concrete {PCC})
- 4 - Stabilized shoulder exists (gravel or other granular material)
- 5 - Combination shoulder exists (two or more surface types)
- 6 - Earth shoulder exists
- 7 - Barrier curb exists; no shoulder in front of curb

## Surface Type

- A - Combination
- B - Brick
- C - Continuous Reinforced Concrete
- D - Reinforced Concrete
- E - Plain Concrete
- G - Bituminous Concrete
- I - Chipseal on Granular
- K - Open Graded Bituminous
- L - Chipseal or Micro
- M - Gravel
- U - Unimproved
- X - Right of Way Only